

City of Waterville: Food Waste Diversion Report (July 2021 - February 2022)

Data for Waterville include the community collection program at I-Recycle, collected by Agricycle, and the curbside collection program, collected by Garbage to Garden.

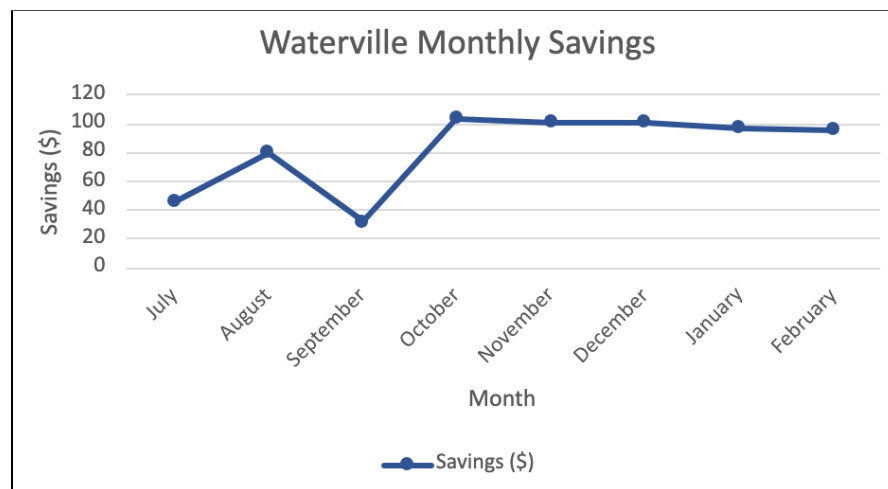
Summary Statistics:

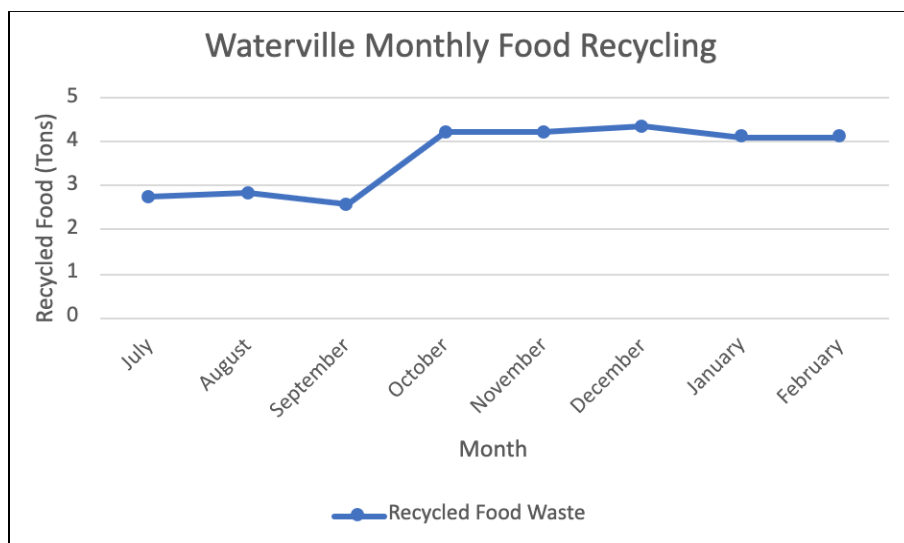
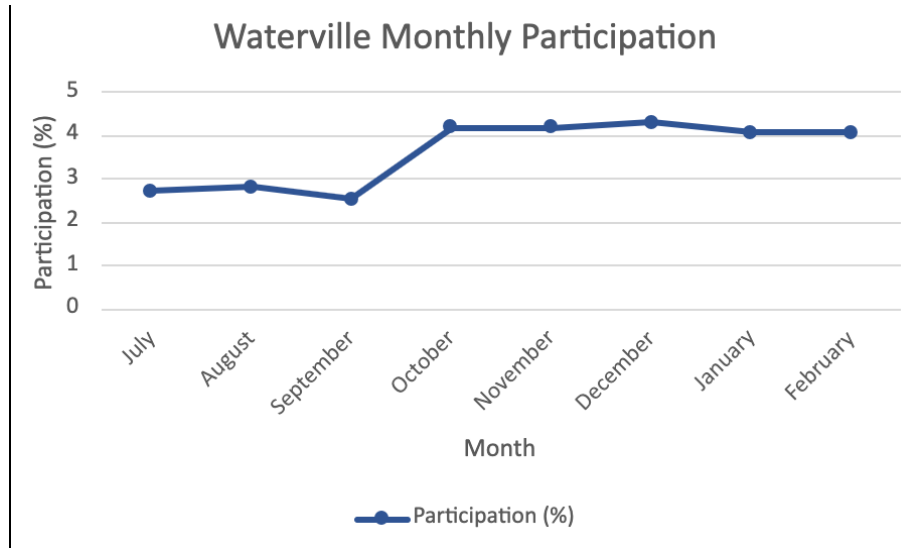
Waterville Community Food Recycling								
	Residential Food Waste							Participation
Month	Number of Totes	Weight of Totes (LBS)	Weight of Totes (Tons)	Weight of Total Recycled Food (Tons)	Cumulative Costs (\$)	Landfill Disposal of Diverted Waste (\$)	Savings (\$)*	Average Participation (%) **
July	8	1030	0.52	2.75	144.44	190.04	45.60	2.72
August	8	1210	0.61	2.84	115.86	196.27	80.41	2.81
September	8	670	0.34	2.57	145.45	177.57	32.12	2.54
October	12	3000	1.50	4.23	189.04	292.84	103.80	4.19
November	12	3000	1.50	4.23	191.56	292.84	101.28	4.19
December	13	3260	1.63	4.36	200.48	301.84	101.36	4.32
January*	11	2760	1.38	4.11	187.48	284.54	97.06	4.08
February*	11	2760	1.38	4.11	188.85	284.54	95.69	4.08

* Data for July - December uses actual data from Agricycle and G2G. Data for January and February is estimated based of the G2G participation in Q4 of 2021. Data will be updated when we get Q1 data for 2022 from G2G.

**Participation is a measurement of the percent of food waste diverted out of the total food waste available.

Charts:





What Does This Mean?

Through the community collection and curbside collection programs, the city of Waterville is saving money every month. There are numerous reasons for these savings.

- All food waste that is recycled is diverted away from landfills. This means that the town does not have to pay a fee to have this waste shipped to landfills. Instead, the towns pays a smaller fee to have this waste picked up by Agricycle from the I-Recycle facility.

- All food waste that is recycled through the curbside collection program is paid for by Garbage to Garden customers, this results in direct savings to the town.

Since the start of the program, the town has been recycling increasing levels of food waste. The more food waste recycled generates more savings. While the level of waste recycled appears to have dropped between January and February, it only dipped about 500lbs. This was not enough to significantly change the level of savings.

We expect to see the level of recycled waste increase as we work to expand our community education and awareness campaigns. We believe in this program as it not only saves the town money but also saves community members money. Given the PAYT structure of Waterville, the more food waste that individuals divert, the more money individuals can save. Further, the more food waste individuals divert, the more the town saves.